

Abstract

This invention is an apparatus for heart packing with cardiac output modification, including one or more electrodes (27, 29) which apply electrical signals to muscle. Signal generation circuitry (26) applies an excitatory electrical pulse to at least one of the one or more electrodes to pace the heart and a non-excitatory stimulation pulse to at least one of the one or more electrodes to modify the cardiac output. Preferably the circuitry synchronizes the non-excitatory stimulation pulse with the pacing pulse.